data.world | databricks

Turn data chaos into clarity

Challenges with traditional catalogs

- Traditional data catalogs focus solely on technical metadata and often fail to connect with business users, leading to limited engagement, poor adoption, and a low return on investment.

- The absence of meaningful insights, capturing relationships, dependencies, and real-world business concepts between data entities, limits a deeper understanding and relevant discovery.

- Traditional data catalogs struggle to grasp how different data elements fit into the broader context, making it practically unfeasible for AI to learn effectively and automate tasks.

Drive success with data.world

- data.world transforms complex data into simple, business-friendly concepts that anyone can understand resulting in high, company-wide adoption. People want to use a catalog they understand

- With semantic search capabilities, data.world transforms data discovery from simply finding known assets to uncovering valuable business intelligence that drives innovation and competitive advantage

- data.world is built for AI with a knowledge-graph-powered catalog that enables intelligent discovery, automation, and seamless ML integration—providing governed, enterprise-wide, AI-ready data with full-context visibility

Simpler, smarter data catalog powered by a knowledge graph

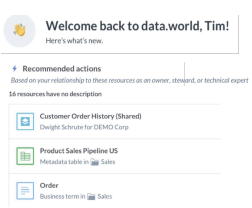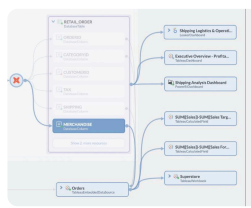## Ask and Automate

Archie AI Assistant — Chat — Search — Enrich
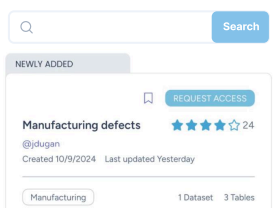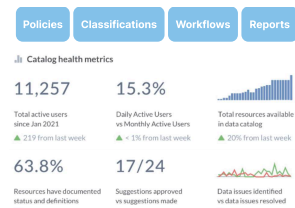
Build Apps
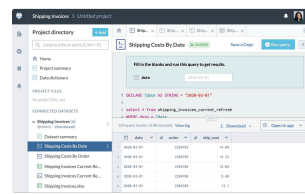
AI Context Engine™

APIs

Enterprise Catalog
Personalized home for data

Explorer
Lineage graph visualization

Marketplace
Shop for data and AI

Governance
Data management hub

Workbench
Query and semantics studio

Knowledge Graph

↑ Collectors   ↓ Activation

databricks — Unify your data, teams, processes, and organizational knowledge on a single platform

Business User

Engineer

Steward

Use cases

Discovery — Self-Service — Impact Analysis — Issue Resolution — AI Readiness — AI & Data Governance

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WHO IS THIS FOR?
data.world and Databricks prospects/customers

databricks
TECHNOLOGY PARTNER
Validated
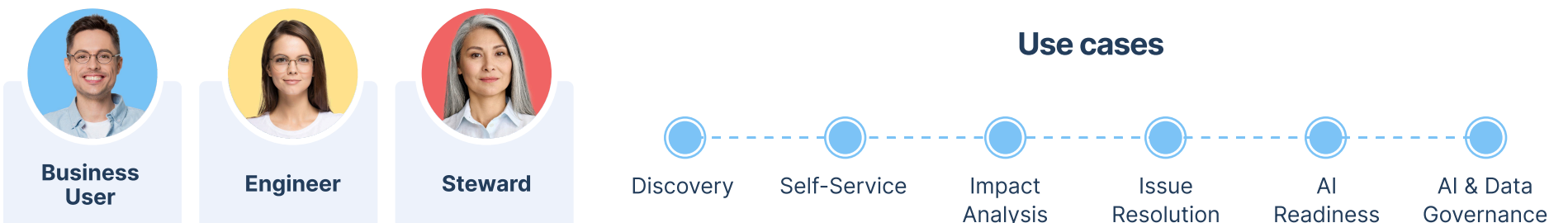
Better Together: Extend Databricks for greater business value.

	Databricks Unity Catalog	data.world	Unity Catalog + data.world
Target personas	Technical data practitioners manage, secure, and optimize data and AI assets across Databricks' platform	Data analysts and business users scale access, empowering thousands to engage with trusted, governed data	Business and technical users turn valuable data into trusted, governed, reusable products for broad adoption
Catalog	Technical lineage tracking across both Lakehouse architecture and several federated data sources	Enterprise-wide coverage of diverse data landscape across multiple systems and business domains, technical and business lineage	Smarter discovery with a knowledge graph: data.world integrates powerful graph technology and LLMs to enable context-aware AI chat across your entire catalog—connecting data, metrics, policies, and people
	Supports technical metadata (e.g., tables, functions, AI models, and more)	Map real-word business concepts to all technical resources and enable AI-ready data via a knowledge graph	Lay the foundation for AI success by transforming key datasets, dashboards, and models into trusted resources ready to power tomorrow's intelligent systems
AI and data governance	Access control policies and security for work done within Databricks. Train AI models with trusted data	Govern automation workflows and task managements with human oversight	Unified approach for governing data and metadata with AI-based automations. Enable governance of unstructured data with the same rigor as structured data
		Deeper insights by combining contextual knowledge in catalog (popularity, usage, greater ROI)	Deeper and more actionable insights derived through graph inference and analysis

Break down silos with data.world & Databricks

Knowledge Graph unites enterprise data management with a single Catalog platform for discovery, collaboration and governance:

- ✓ **Discover and evaluate** all data assets and use cases in one place. Collect metadata across the entire enterprise (including Unity Catalog) with the ability to model business domains independently

- ✓ **Accelerate innovation** through improved collaboration between domain experts and treating curated data as a product on Lakehouse

- ✓ **Govern and audit** use cases are reliably and consistently delivered globally, increasing trust and decreasing risk

🗄 **Meet our data-powered customers**

A data.world catalog powered by a knowledge graph
unifies data work across the company.

Global enterprise organization

data.world **The Data Catalog Platform**

6∂ **Archie AI Assistant**

Centralized Discovery	Curated Data Products	Global Governance

Unifying business semantics in Knowledge Graph

Finance	Product	Retail	Supply Chain

Data Stack 1   Data Stack 2   Data Stack 3   Data Stack 4